



## Borough of Cleethorpes.

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# ANNUAL REPORT ON THE Health and Sanitary Conditions FOR THE YEAR 1951.

C. A. McCLEARY,

M.B., B.C.H., B.A.O., D.P.H.

Medical Officer of Health.



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# Health Committee Members, 1950-51.

Chairman : Ald. E. Houghton, J. P. (deceased 26.11.51).

Vice-Chairman : Coun. E. F. Marklew, J.P.

Ald. A. W. Cox. Ald. W. F. George.

Ald. F. Rhodes. Coun. G. Cordy.

Coun. H. Holmes. Coun. F. Broddle.

Coun. C. J. Shaw.

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## Staff of the Health Department.

Medical Officer of Health, C. A. McCleary,

M.B., B.Ch., B.A.O., D.P.H.

Chief Sanitary Inspector and Cleansing Superintendent :

Herbert Brant, M.R.San.I., F.S.I.A.

Sanitary Inspector, No. 2 District :

G. H. Cooper, D.P.A. (Lond.), M.S.I.A. (Resigned 1.5.51).

Sanitary Inspector No. 2 District :

G. N. Schofield, A.R. San. I., M.S.I.A. (Promoted 18.10.51).

Assistant Sanitary Inspector : J. P. Emerson, M.S.I.A.

Pupil Sanitary Inspectors :

D. H. Hibbert (Absent on Military Service from 8.6.50).

D. St. J. Frost. (Resigned 31.1.51).

D. W. Keightley.

D. Tonge.

D. Lidgard (Appointed 15.10.51).

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The following members of the County Staff carried out work within the Borough :

Dr. C. A. McCleary School Medical Officer.

Dr. C. J. T. Jamieson, Maternity and Child Welfare.

D. R. Storr, L.D.S. Assistant County Dental Officer.

Miss E. Clark, S.R.N., S.C.M. Health Visitor.

Mrs. R. M. Ward, S.R.N., S.C.M. Health Visitor.

Miss R. E. Braybrook, S.R.N., S.C.M., Health Visitor.

Mrs. F. M. Kierney, S.R.N., S.C.M., Health Visitor

Mrs. Shute Secretary.

Miss L. Pottage Home Help Organiser.

HEALTH DEPARTMENT, CLEETHORPES.

To the Mayor, Aldermen and Councillors of the Borough  
of Cleethorpes.

GENTLEMEN,

I beg to submit my Annual Report for the year 1951.

From the Vital Statistics it will be seen that 522 births were registered during the year. This is 5 less than in the previous year and gives a Birth Rate of 17.34 per 1,000 of the population compared with 17.38 for 1950. The corresponding rate for England and Wales was 15.5 and for the smaller towns 16.7.

The Death Rate of 12.49 is an increase of 0.22 on the rate for the previous year. Heart Disease was again the chief cause of death, accounting for 106 deaths, i.e., 28.2 % of the total deaths. 55 persons died of cancer compared with 60 deaths from this disease in 1950. Deaths of infants under the age of one year numbered 20, an increase of 2 on the figure for 1950. The Infantile Mortality Rate was 38.31 compared with 29.6 for England and Wales and 27.6 for the smaller towns.

716 cases of Infectious Disease including food poisoning were notified during the year. 13 of these patients died, the cause of death being pneumonia. An epidemic of measles accounted for more than half of the total cases of infectious disease notified.

For their assistance and co-operation in compiling this report my thanks are due to the Medical Officer of Health, Lindsey County Council, to the Chief Sanitary Inspector and to the Borough Surveyor. I wish also to express my gratitude to the members of the Health Committee for their continued support throughout the year.

I have the honour to be, Gentlemen,

Your obedient servant,

C. A. McCLEARY.

Medical Officer of Health.

## SECTION A. Statistics and Social Conditions of the Area.

### General Statistics.

Area of Borough in acres (above high water mark) ...	...	2250
Registrar-General's estimate of Resident population (mid-1951)	30,100	
Number of inhabited houses (end of 1951) ...	...	8,894
Rateable Value, 1st April, 1951 ...	...	£161,146
Sum represented by a penny rate ...	...	£640

### Vital Statistics.

	Total	Male	Female	
Live Births	{ Legitimate 495	276	219)	Birth Rate per 1,000
	Illegitimate 27	10	17)	of the estimated resident
				population ... 17.34
Still Births	{ Legitimate 10	6	4}	Rate per 1,000
	Illegitimate 1	1	Nil}	(live and still births)
				... ... ... 20.63
Death Rate per 1,000 of the estimated resident population	...	12.49		
Death Rate per 1,000 for England and Wales ...	...	12.50		
Death Rate from Pregnancy, Childbirth, Abortion ...	...	Nil.		

### Death Rate of Infants under one year of age :--

All infants per 1,000 live births...	...	...	...	...	...	38.31
Legitimate infants per 1,000 legitimate live births	...	...	...	...	...	40.40
Illegitimate infants per 1,000 illegitimate live births	...	...	...	...	...	Nil.
Deaths from Cancer (all ages) ...	...	...	...	...	...	55
Deaths from Measles (all ages) ...	...	...	...	...	...	Nil.
Deaths from Whooping Cough (all ages) ...	...	...	...	...	...	Nil.

**Classification of Causes of Death in  
Borough of Cleethorpes.**

	CAUSES OF DEATH.	1951	
		Males	Fem.
1	Tuberculosis, Respiratory	3	2
2	Tuberculosis, other	1	1
3	Syphilitic disease	—	—
4	Diphtheria	—	—
5	Whooping Cough	—	—
6	Meningococcal infections	1	—
7	Acute Poliomyelitis	—	—
8	Measles	—	—
9	Other infective and parasitic diseases	—	—
10	Malignant neoplasm, stomach	5	5
11	Malignant neoplasm, lung, bronchus	9	2
12	Malignant neoplasm, breast	1	5
13	Malignant neoplasm, uterus	—	2
14	Other malignant and lymphatic neoplasms	16	10
15	Leukaemia, aleukaemia	—	1
16	Diabetes	3	2
17	Vascular lesions of nervous system	23	25
18	Coronary disease, angina	19	14
19	Hypertension with heart disease	7	5
20	Other heart disease	34	27
21	Other circulatory disease	4	4
22	Influenza	4	2
23	Pneumonia	6	7
24	Bronchitis	22	8
25	Other diseases of the respiratory system	1	3
26	Ulcer of the stomach and duodenum	4	2
27	Gastritis, enteritis and diarrhoea	2	1
28	Nephritis and nephrosis	2	4
29	Hyperplasia of prostate	4	—
30	Pregnancy, childbirth, abortion	—	—
31	Congenital malformations,	1	1
32	Other defined and ill-defined diseases	20	31
33	Motor vehicle accidents	3	—
34	All other accidents	7	4
35	Suicide	4	2
36	Homicide and operations of war	—	—
TOTALS		206	170

## Section B.—General Provision of Health Services of the Area.

### (a) Laboratory facilities.

These are available for the examination of throat and nose swabs, sputum, etc., at the Public Health Department, Council Offices, Cleethorpes.

### (b) Ambulance facilities

These are provided by the Lindsey County Council. Tel. Cleethorpes 61222.

### (c) Nursing at Home.

Four District Nurse-midwives are stationed in Cleethorpes. The Lindsey County Council also provide the services of a nurse for cases of Ophthalmia Neonatorum to be nursed at home, when requested by General Medical Practitioners.

### (d) Clinics.

The Lindsey County Council from the Clinic, St. Hugh's Avenue, Cleethorpes, provide the following services :—

CLINIC	DAY	HOUR
School	Wednesday	10 a.m.
School Nurse attends for treatments	{ Monday, Wednesday and Thursday Tuesday and Friday	9-30 a.m. 2 p.m.
Eye	Friday (by appointment)	10 a.m.
Infant Welfare	Monday and Thursday	2 p.m.
Toddlers	Monday	9-30 a.m.
Ante-Natal	Tuesday	9-30 a.m.
Special treatment (Female)	Thursday	10-30 a.m.
Massage	Monday and Thursday	10 a.m.
U.V.R.	Monday and Thursday	9-30 a.m.
Dental	Daily	9-30 a.m.
Rheumatism and Heart	Monthly (by appointment)	2 p.m.

Diphtheria Immunisation Sessions are held at the School and Infant Welfare Clinics on the appropriate days.

### Venereal Disease

Facilities for the diagnosis and treatment of venereal disease are available at the Special Treatment Centre, 38 Queen Street, Grimsby.

I am indebted to the Sheffield Regional Hospital Board for the following information relating to the number of new cases from Cleethorpes who attended the Centre during 1951—

	Males.	Females.	Total.
Early Syphilis	—	—	—
Late Syphilis	7	2	9
Congenital Syphilis	—	—	—
Gonorrhœa	4	2	6
Non-V.D.	40	7	47
Total	51	11	62

### (e) Hospitals.

Facilities exist for the treatment of Infectious Disease at the Springfield Isolation Hospital, Grimsby.

The following cases were admitted during the year—

Scarlet Fever	3	Tuberculous Meningitis	3
Puerperal Pyrexia	3	Admitted with Mother	2
Broncho-pneumonia	2	Bronchitis	1
Erysipelas	1	Nephritis	1
Mumps	1	Measles	1
Tonsillitis	1	Erythema	1

Total 20 Cases.

### Maternity Hospital, Cleethorpes.

This report is included by the courtesy of the Secretary of the Grimsby Hospitals Management Committee.

#### 1. Name and address of the Institution:

Cleethorpes Maternity Hospital,  
Mill Road,  
Cleethorpes, Lincs.

2.	Number of Maternity beds in the Institution (exclusive of isolation and labour beds) at 31/12/51.	30
3.	Number of Maternity cases admitted during the year	742
4.	Average duration of stay of cases in the lying-in wards	11.22 days
5.	Number of cases delivered by	
	(a) Midwives ... ... ... ... ...	612
	(b) Doctors ... ... ... ... ...	96
6.	Number of cases in which medical assistance was sought by a midwife in emergency ... ... ... ...	36
7.	Number of cases admitted after delivery ... ..	5
8.	Number of cases notified as Puerperal pyrexia ... ... ...	7
9.	Number of cases of pemphigus neonatorum ... ...	Nil
	Born with intra-uterine pemphigus.	
10.	(a) Number of infants not entirely breast fed while in the Institution ... ... ... ...	136
	(b) Number of infants wholly breast fed on leaving the Institution ... ... ... ...	558
11.	(a) Number of cases notified as ophthalmia neonatorum	Nil
	(b) Result of treatment in each case.	—
12.	Number of maternal deaths ... ... ...	1

13. (a) Number of stillbirths ... ... ... ... 19  
 (b) Cause in each case and results of post-mortem (if available) :  
     6 Premature                                   7 Macerated foetuses  
     2 Difficult breech deliveries   2 Delayed labour  
     2 Hydrocephalic

14. (a) Number of infant deaths within 10 days of birth ... 15  
 (b) Cause of Death :  
     2 Cerebral Haemorrhage   1 Pneumonia  
     5 Premature                                   1 Atelectasis  
     1 Anencephalic                               1 Mother Rh. negative  
     1 Atresia of oesophagus   2 Delayed Labour  
     1 Malformation of heart muscles

### General Hospitals.

Facilities for treatment are available at the Scartho Road Infirmary, Grimsby, and at the Grimsby General Hospital.

### Scartho Road Infirmary.

During the 12 months ending 31st December, 1951, 437 patients were admitted from the Cleethorpes Borough.

### Grimsby General Hospital.

975 patients from the Cleethorpes Borough were admitted during the year.

### School Medical Services.

These services are provided by the County Council and I am indebted to the County Medical Officer for permission to include the following details of work carried out during the year in my capacity as School Medical Inspector.

#### A. ROUTINE MEDICAL INSPECTION

(exclusive of special and supervisory examinations).

Prescribed Groups.	Number of Children Inspected.	Number of Defects found to require treatment. (excluding uncleanliness and dental diseases)		
		Vision.	Other Defects.	*Total.
Entrants	485	2	141	142
Second Age Group	375	30	53	76
Third Age Group	369	27	37	60
Total (prescribed groups)	1229	59	231	278

\* Individual Children requiring treatment.

## B. Defects found in the course of Medical Inspection.

DEFECT.	Routine Inspections		Special Inspections	
	Requiring Treatment	Requiring observation but not Treatment	Requiring Treatment	Requiring observation but not Treatment
SKIN.	17	15		
EYE.				
(a) Defective Vision (excluding Squint)	59	47		
(b) Squint ... ...	18	15		
(c) Other conditions ... ...	30	7		
EAR.				
(a) Defective Hearing ... ...	2	2	1	
(b) Otitis Media ... ...	5	5		
(c) Other Ear Diseases... ...	1	2		
NOSE AND THROAT.	103	196	1	
ENLARGED CERVICAL GLANDS.	1	92		
DEFECTIVE SPEECH.	1	11		
HEART AND CIRCULATION.	7	21		
LUNGS.	17	57		
DEVELOPMENTAL.				
(a) Hernia ... ...	2	4		
(b) Other ... ...	10	47	1	
ORTHOPÆDIC				
(a) Posture ... ...		7		
(b) Flatfeet ... ...	3	14		
(c) Other .... ...	4	27		
NERVOUS SYSTEM.				
Epilepsy ... ...		2		
Other conditions ... ...	1	1		
PSYCHOLOGICAL.				
(a) Development ... ...		12		
(b) Stability ... ...	1	9	4	
OTHER DEFECTS AND DISEASES. (Excluding Uncleanliness and Dental Diseases)	31	115	1	

### C. General Condition.

All scholars examined were classified in 3 groups : A.—Good, B.—Fair, C.—Poor.

GROUP	A.	B.	C.
Entrants	125	318	42
Second age group	126	211	38
Third age group	169	165	35
Total (prescribed groups)	420	694	115

### Section C.—Sanitary Circumstances of the Area.

#### 1. (1) Water Supply.

The water supply has been satisfactory both as regards quality and quantity. The supply is by pipe from the Grimsby, Cleethorpes and District Joint Water Board's undertaking and is constant.

Bacteriological and chemical examination of samples from the source of supply are carried out monthly and results of these examinations are supplied to the Medical Officer of Health.

Samples are also taken periodically by the Health Department from the supply as delivered to the public and submitted for bacteriological examination.

The following is a copy of a report on a sample taken by the Water Board on the 6th July, 1951 :

The Counties Public Health Laboratories,  
66 Victoria Street, London, S.W.1.

#### Chemical Results in Parts per 1,000,000.

Appearance	Clear and bright	Turbidity	Nil
Colour	Nil	Odour	Nil
pH	7.3	Free Carbon Dioxide	16
Electric Conductivity	670	Total Solids	450
Chlorine present as		Alkalinity as	
Chloride	90	Calcium Carbonate	220
Hardness	Total : 275		
	Carbonate 220		
	Non-carbonate 55		
Nitrate Nitrogen	2.0	Nitrite Nitrogen	Less than 0.01
Ammoniacal Nitrogen	0.000	Oxygen Absorbed	0.000
Albuminoid Nitrogen	0.000	Residual Chlorine	Absent
Metals	Absent.		

## Bacteriological Results.

	1 day at 37° C.	2 days at 37° C	3 days at 20° C
Number of Colonies developing on Agar per cc. or ml. in	0	0	7
Presumptive Coliform Reaction Bact. coli.	Present in --	Absent from 100 ml.	
Cl. welchii Reaction	Present in —	Absent from 100 ml.	

This sample is clear and bright in appearance, neutral in reaction and free from Iron and other metals. The water is hard in character but not to an excessive degree and it contains no excess of salinity or mineral constituents in solution. It is of the highest standard of organic and bacterial purity.

These results are consistent with a pure and wholesome water suitable for public supply purposes.

The chloride figure is not in excess of those of recent analyses.

(Signed) GORDON MILES, B. Sc., F.R.I.C.

Wells	{ New sunk ...	...	...	...	...	Nil
	Cleansed, repaired ...	...	...	...	...	Nil
	Closed as polluted ...	...	...	...	...	Nil
Public Supply	{ Area supplied :—Whole area except 36 houses in North Sea Lane and Humberston Road district.					
	Percentage of houses supplied ...					99.85%

## (2) Drains.

Drains examined, tested, exposed, etc.	...	...	331
Drains unstopped, repaired, etc. ...	...	...	179
Waste pipes repaired, etc.	...	...	11
New soil pipes or ventilating shafts fixed ...	...	...	138
Existing soil pipes or ventilating shafts repaired ...	...	...	12
Drains reconstructed ...	...	...	5

## 2 Rivers and Streams.

A small stream known as the Buck Beck which is polluted before reaching the Borough discharges on the Foreshore.

## 3 (i) Closet Accommodation.

Number of houses with privy vaults in district ...	...	Nil
Number of houses with pail closets in district ...	...	18
Number of pail closets repaired ...	...	1
Number of pail closets substituted for privy vaults ...	...	Nil
Number of houses with water closets in district ...	...	8,837
Number of water closets substituted for dry receptacles ...	...	Nil
Number of water closets repaired ...	...	12

## Cesspools.

Cesspools rendered impervious ...	...	...	Nil
Cesspools emptied, cleansed, etc. ...	...	...	Nil
Cesspools abolished ...	...	...	Nil

## (ii) House Refuse.

Number of covered ashpits	...	...	...	Nil
Number of uncovered ashpits	...	...	...	Nil
Number of bins substituted for ashpits	...	...	...	Nil
Refuse is removed by Local Authority.				
Number of houses using bins	...	...	...	8,918
Refuse is removed from each house every 7-10 days.				
Number of complaints for non-removal	...	...	...	15
Method of final disposal—Refuse Destructor, Salvage and Controlled Tip at Anthony's Bank, Humberston Land.				

## CLEANSING SERVICE.

The following particulars of operations in the Cleansing Department relate to the year ended 31st March, 1952.

### Refuse Collection.

Loads and estimated weight of house and trade refuse collected during the year :—

By Motor Vehicle ... 4,204 loads 6,880 tons

All loads of collected refuse were weighed.

Estimated gross expenditure on refuse collection for the year was £8,864. Gross income for the year was £12. Net cost per ton £1 5s. 9d.

### Refuse Disposal.

The house and trade refuse dealt with was disposed of as follows :—

3,226 tons to Disposal Works.

3,654 tons to Humberston Land Reclamation Scheme.

Estimated gross expenditure of refuse disposal for the year £5,054. Gross Income £2,744 4. 4. Net cost per ton 6s. 8½d.

### Salvage.

Total receipts of salvage sales during the year £2,744. 4. 4.

Materials Sold.	Tons.	Cwts.	Qrs.	Receipts.		
				£	s.	d.
Mixed waste paper	...	...	137 5 0	2,249	7	9
Baled scrap tins	...	...	92 15 1	235	4	7
Mixed textiles	...	...	2 17 1	118	15	4
Bottles and Jars	...	...	308 Dozen	13	5	4
Mixed scrap Iron	...	...	23 10 2	62	8	10
Broken Glass	...	...	5 14 0	9	19	6
Non-Ferrous metals	...	...	1 2 1	46	17	6
String	...	...	12	6	2	6
Miscellaneous	...	...	...	2	3	0

### Gully Cleansing.

The number of gullies cleansed was :—

6,077 Street Gullies. 1,824 Passage Gullies.

250 cart-loads of refuse removed from gullies.

Cost of work for the year :—£485.

### Passage Cleansing.

Back passages were swept from time to time throughout the district at an estimated cost of £169.

### Public Conveniences.

Fifteen of the public conveniences provided by the Corporation are under the control of the Cleansing Department. Toilet accommodation is provided at twelve of the conveniences. Total number of W.C.s. provided 106.

### Depot Weighbridge.

The weighbridge was used as follows :—

Departmental weighings during the year	...	7,655
Public Weighings	...	880

### Refuse Receptacles.

235 Dust Bins were provided by owners of properties in replacement of defective receptacles following informal or formal notices.

### Sanitary Inspection of the Area.

#### Movable Dwellings, Tents, Vans, etc.

Number inspected during the year	...	...	17
Number of nuisances abated therefrom	...	...	Nil
Number removed from the district	...	...	17
Vans in district at end of year	...	...	Nil

### Offensive Trades.

Number of premises in the District :—Nil.

Fat Melters	...	...	...	...	Nil
Fried Fish Shops	...	...	...	...	27
Contraventions	...	...	...	...	Nil
Contraventions remedied	...	...	...	...	Nil
Number of inspections	...	...	...	...	46

There are no Bye-laws in operation.

### Closet Accommodation.

No conversions were carried out during the year.

### Swimming Baths and Pools.

There is one open air swimming pool of some 2,000,000 gallons capacity. A continuous filtration and chlorination plant is installed.

The working of the plant is satisfactory and efficient as shown by the results of periodical bacteriological and chemical examination of the water.

## FACTORIES AND WORKPLACES

### 1.—INSPECTION.

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Prosecutions (5)
FACTORIES (Including Factory Laundries)	207	263	59	0
WORKPLACES (Other than out- workers' premises)	20	10	2	0
Total ...	227	273	61	0

### 2.—DEFECTS FOUND.

Particulars (1)	Number of Defects			No. of Prosecu- tions (5)
	Found (2)	Reme- died (3)	Referred to H.M. Inspector (4)	
<i>Nuisances under the Public Health Acts</i>				
Want of Cleanliness ...	2	2	...	...
Inadequate Ventilation ...	...	...	...	...
Overcrowding ...	...	...	...	...
Ineffective Drainage of Floors ...	...	...	...	...
Other Nuisances ...	...	...	...	...
Sanitary (Insufficient ...	1	1	...	...
Accommodation (Unsuitable or Defective ...	3	3	...	...
Not separate for Sexes ...	...	...	...	...
<i>Offences under the Factory and Workshop Acts</i>				
Illegal occupation of underground Bakehouses (S.101) ...	...	...	...	...
Other Offences (Excluding offences relating to outwork) ...	...	...	...	...
Total ...	6	6	0	0

### Bakehouses.

Number in district...	...	...	...	32
Number of underground bakehouses	...	...	...	Nil
Number of inspections ...	...	...	...	147
Contraventions of Factory Acts	...	...	...	4
Defects remedied ...	...	...	...	4

## Section D.—HOUSING.

### 1. Inspection of Dwelling Houses during the year—

(1). (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ... ... ...	162
(b) Number of inspections made for the purpose...	4,589
(2). (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ... ... ...	17
(b) Number of inspections made for the purpose ...	40
(3). Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ...	Nil
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ... ...	155

### 2. Remedy of Defects during the year without service of formal notices—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... ...	249
---	-----

### 3. Action under Statutory Powers during the year—

#### (a) Proceedings under Sections 9, 10 and 36 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... ...	68
(2) Number of dwelling-houses which were rendered fit after service of formal notices—	
(a) By Owners ... ... ...	74
(b) By Local Authority in default of Owners ...	1

#### (b) Proceedings under the Public Health Acts.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ...	135
(2) Number of dwelling houses in which defects were remedied after service of formal notices—	
(a) By Owners ... ... ...	76
(b) By Local Authority in default of Owners ...	49

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling houses in respect of which Demolition Orders were made	...	...	Nil
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	...	...	Nil

(d) Proceedings under Section 12 of the Housing Act, 1936 :

(1) Number of separate tenements or underground rooms in respect of which closing orders were made	...	Nil
(2) Number of separate tenements or underground rooms in respect of which closing orders were determined the tenement or room having been rendered fit	...	Nil

**Nuisances.**

Total number of nuisances during the year	...	...	242
(1) Abated as a result of informal action by Sanitary Inspectors	...	...	177
(2) Reported to Council :—			
(a) Statutory Notices issued	...	...	53
(b) Statutory Notices not issued	...	...	12

**Details of Nuisances Abated.**

		After Informal Intimation	After Statutory Notice
Smoke	...	1	—
Accumulation of refuse and manure	...	1	—
Foul ditches, ponds and stagnant water		—	—
Foul pigs and other animals	...	6	—
Dampness	...	35	41
Yards, repaved or repaired...	...	34	11
Other nuisances (Drains etc.)	...	112	1

**4. Housing Act, 1936.—Part IV. Overcrowding.**

(a).—(1) Number of dwellings overcrowded at end of year	...	2
(2) Number of families dwelling therein	...	3
(3) Number of persons dwelling therein	...	24
(b).—Number of new cases of overcrowding reported during the year		
(c).—(1) Number of cases of overcrowding relieved during the year	...	2
(2) Number of persons concerned in such cases	...	16
(d).—Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding		
	...	Nil

## Section E. Inspection and Supervision of Food.

### (a) Milk Supply

Number of producer/retailers	...	...	...	Nil
Number of Distributors	...	...	...	20
Number of Dairies on register	...	...	...	11
Number of inspections	...	...	...	20
Contraventions of Regulations	...	...	...	Nil
Contraventions remedied	...	...	...	Nil

#### THE MILK (SPECIAL DESIGNATION) (PASTURISED AND STERILISED MILK) REGULATIONS, 1949.

Number of Dealers' licences	...	...	...	133
Number of Supplementary Licences	...	...	...	12
Number of inspections	...	...	...	137

#### THE MILK (SPECIAL DESIGNATION) (RAW MILK) REGULATIONS, 1949.

Number of Dealers' Licences	...	...	...	Nil
Number of Supplementary Licences	...	...	...	Nil
Number of Inspections	...	...	...	Nil

There were two premises licensed by the Lindsey County Council, the Food and Drugs Authority for this area, for the pasteurisation of milk.

One processor surrendered his licence in July. 42 samples of pasteurised milk were taken by the County Authority during the year, all of which were satisfactory.

### Ice Cream.

Careful supervision and control over conditions of manufacture and sale of ice cream were maintained during the year.

Three-hundred-and-fifty inspections were carried out upon the premises used for manufacture for the purpose of sale, or for the sale, or the storage of Ice Cream intended for sale, and such premises were generally found to be in satisfactory condition.

Twenty-four samples of Ice Cream were submitted for bacteriological examination under the Methylene Blue Test (Special Designation) 1947 Regulations. The results were as follows :—

Satisfactory—15.      Unsatisfactory—9.

Appropriate action was taken in the case of samples which were unsatisfactory.

## Section F.—Prevalence of, and Control over, Infectious and other Diseases.

Notifiable Diseases (other than Tuberculosis) during the year 1951.

DISEASE	Total Cases Notified	Cases Admitted To Hospital	TOTAL DEATHS
FOOD POISONING ...	4	4	—
SCARLET FEVER ...	16	5	—
DIPHTHERIA ...	—	—	—
PNEUMONIA ...	43	—	13
ERYSIPelas ...	3	—	—
PUERPERAL PYREXIA	9	3	—
MEASLES ... ..	474	—	—
WHOOPING COUGH	167	—	—
POLIOMYELITIS ...	—	—	—
<b>TOTALS</b>	<b>716</b>	<b>12</b>	<b>13</b>

Cases of Infectious Disease in their respective months.

Notifiable Diseases.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
Food Poisoning	—	—	—	—	—	—	—	4	—	—	—	—	4
Scarlet Fever ...	3	2	2	—	2	1	3	1	1	1	—	—	16
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	0
Pneumonia ...	14	2	1	2	3	2	3	2	7	4	—	3	43
Erysipelas ...	—	—	1	—	—	—	1	—	—	—	1	—	3
Puerperal Pyrexia	—	1	—	—	—	—	—	3	4	—	—	1	9
Measles ...	154	102	103	30	46	9	9	16	2	1	1	1	474
Whooping Cough	15	—	10	3	—	—	4	11	15	18	31	60	167
Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	0
<b>TOTALS</b>	<b>186</b>	<b>107</b>	<b>117</b>	<b>35</b>	<b>51</b>	<b>12</b>	<b>20</b>	<b>37</b>	<b>29</b>	<b>24</b>	<b>33</b>	<b>65</b>	<b>716</b>

## Diphtheria Immunisation.

I am indebted to the County Medical Officer for the following particulars relating to immunisation against diphtheria and vaccination against smallpox carried out in the Borough during the year.

### Initial Immunisations.

Under 5 years— 287.      5 to 14 years— 55.

### Reinforcing Injections : 307.

### Smallpox Vaccination.

113 vaccinations and 34 re-vaccinations were carried out during the year.

### Cancer.

Deaths from Cancer in the Borough, compiled locally in sex and age groups are tabulated as follows :—

#### CANCER DEATHS, 1951.

Age	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	Totals
Male	—	—	—	—	7	12	7	4	30
Female	—	—	—	1	6	11	6	1	25
Totals	—	—	—	1	13	23	13	5	55

### Prevention of Blindness.

The Lindsey County Council provides for the medical treatment of necessitous blind persons through their Public Health Committee. This includes specialist treatment in connection with blindness or the prevention of blindness.

Other services are provided through the Lindsey Society for the Blind in connection with the education, training, employment and general welfare of blind persons.

# TUBERCULOSIS.

## NOTIFICATION AND DEATHS.\*

New Cases, 1951.

Deaths, 1951.

Age Periods	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Males Females		Males Females		Males Females		Males Females	
	Males	Females	Males	Females	Males	Females	Males	Females
Under 1 year			1				1	
1 to 2 years								
2 to 3 "	1							
3 to 4 "								
4 to 5 "								
5 to 10 "	4	1	3		1			
10 to 15 "		1	1	1				
15 to 20 "	4	5	1					
20 to 25 "	5	2		2				
25 to 35 "	4	2		3	1			
35 to 45 "	3		1					
45 to 55 "	2	1			1			1
55 to 65 "	1					1		
65 years & over	2							1
<b>Totals</b>	<b>26</b>	<b>12</b>	<b>7</b>	<b>6</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>

\* From local records.

No action has been required under the Public Health (Prevention of Tuberculosis) Regulations, 1925, (relating to persons employed in the milk trade) nor under Section 172 of the Public Health Act, 1936.

### Tuberculosis Deaths according to Occupation.

Males	Pulmonary	Non-Pulmonary
No occupation	1	1
Corporation Bus Cleaner	1	—
Ship's Rigger	1	—
	<hr/> <b>3</b>	<hr/> <b>1</b>
<b>Females</b>		
No Occupation	—	1
Retired Schoolteacher	1	—
Widow of Chapel Caret'k'r	—	1
	<hr/> <b>1</b>	<hr/> <b>2</b>

## Chest Clinic, Abbey Road, Grimsby.

Patients attend by appointment at the Clinic. During the year 37 new cases were added to the Tuberculosis Register. 28 cases were written off the Register as having removed to other areas or having been lost sight of, or died, leaving 195 cases on the Register at the end of the year. 10 cases were written off as recovered.

## Tuberculosis After Care Committee.

This Committee renders valuable service in the after-care of cases of Tuberculosis. Special attention is paid to necessitous cases and their families, assistance being given in obtaining extra nourishment, clothing, etc., and in the form of holiday grants.

An Occupational Centre with a Workshop in St. Hugh's Avenue, is maintained by the Committee and provides a means to utilise the lessened working capabilities of selected cases.

## Domestic Help Service.

The County Council, under Section 29 of the National Health Service Act, operate a Domestic Help Service within the County and, as far as possible, having regard to the availability of domestic helpers, make domestic help available where they consider such help is required, in the following types of cases :

- (1) Where there is illness in the household.
- (2) For expectant mothers and maternity cases during the lying in period.
- (3) Where there is a mental defective in the household.
- (4) Where there is an aged person in the household.

Persons receiving domestic help under the County Council's scheme are required to pay such charge as, having regard to the means of those persons, the County Council consider reasonable.

Application for help in the Cleethorpes area should be made to the Assistant Organiser at 31 Market Street, Cleethorpes.

The Assistant Organiser can be interviewed at the above address at the following times :

Mondays and Fridays 9 a.m. to 12-30 and 2 to 5-30 p.m.  
Tuesdays, Wednesdays  
and Thursdays 9 to 10 a.m. and 2 to 2-30 p.m.  
Saturdays ... ... ... 9 a.m. to 12 noon.

# Report on the Meteorological Conditions prevailing at Cleethorpes during 1951.

ALAN B. COOPER, A.M. Inst. C.E.,  
Borough Engineer, Cleethorpes.

The weather conditions prevailing at Cleethorpes during 1951 were normal apart from the exceptionally wet August following a particularly fine July. It was also unusual for the fine summer weather to continue so long into the back end of the year.

A total of 1556.3 hours of bright sunshine were recorded being 42.4 hours above average. A record total was obtained for December with 66.9 hours.

The amount of rain 27.57 inches has only been exceeded eight times since 1910.

The first three months of the year were fairly sunny, July with a daily average of 6.86 hours was the sunniest month of year. August was rather disappointing with a total of 4.24 inches of rain spread over a period of 19 days. During September and October the weather became drier, the sunshine total for October (136.9) was the highest since 1931. The rainfall figures for November and December were above average. Temperatures were slightly below average, maximum in shade 54.93 (Av. 55.20), minimum in shade 42.61 (Av. 43.43).

## SUNSHINE.

From 1st January to 31st December, 1951, 1556.3 hours of bright sunshine were recorded. This gives a daily average of 4.26 hours as compared with 4.15 hours for the previous year. The sunshine total for October (136.9 hours) was the highest since 1931, while that for December 66.9 was a record.

The daily average for July (6.86 hours) was the highest for the year. The maximum amount of sunshine recorded in one day was 15.3 hours on 31st May, 1951.

## RAINFALL.

A total rainfall of 27.57 inches was recorded over the year, this figure is 4.23 inches above the average.

The driest month of the year was September with 1.05 inches spread over a period of 13 days, and the wettest month was August when 4.24 inches of rain were recorded. This was the wettest August since 1931 when 4.68 inches were recorded. The greatest rainfall in any one day was 1.83 inches on the 6th August.

## TEMPERATURE OF THE AIR.

The average minimum shade temperature of 34.00° F. for January was the lowest monthly average for the year while 70.93 maximum shade temperature for July was the highest average.

The lowest air temperature recorded during the year was 22° F on the 30th January.

The highest maximum air temperature during the same period was 80° F on the 3rd August.

The lowest ground minimum temperature was 19° F. on the 13th December.

## RELATIVE HUMIDITY

The average Relative Humidity for the year was 83.52% as compared with 79.83% in 1950.

## MISCELLANEOUS PHENOMENA.

During the year frosts were recorded on 63 occasions as follows :

8 occasions during January	17 occasions during February
14 " " March	5 " " April
4 " " October	2 " " November
13 " " December	

Snow fell on nine occasions. Thunder was heard on five occasions.

The average amount of sky covered (in oktas) by cloud was 5.43.

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The Cleethorpes Meteorological Station, No. 2574, is officially recognised by the Air Ministry Meteorological Office as an Auxiliary Climatological Station, and a First Class Health Resort Station.

Nightly reports, in the form of a Weather Telegram were dispatched to the Air Ministry every night of the year.

An Official Inspection of the Station was carried out on the 20th September, 1951, by the Air Ministry's Inspector Mr. J. H. Brazell who was generally favourably impressed with the Station ; in particular with the work done by the observers. A certificate dated the 20th November was received from the Air Ministry stating that the Station had been reported as satisfactory and that all the instruments in use had been examined and approved.

The Station is under the control of the Borough Engineer and Surveyor, Mr. Alan B. Cooper (A.M. Inst. C.E.) and the Observers during 1951 were D. Tonge (Health Dept.) and D. K. Jackson (Surveyor's Dept.).

A summarised statement is attached to this report.

## Summary of Meteorological Observations taken at Cleethorpes during 1951.

1951	Av. Cloud Amount in 10ths.	Average Temperature		Total Sunshine in hours	No. of Sunless Days	Total Rainfall Inches	Days with Rain	Average Relative Humidity
		Max.	Min.					
January	5.61	42.39	34.00	60.3	10	2.14	16	90.54
February	4.71	43.14	37.03	68.3	11	2.68	18	88.64
March	5.64	44.83	34.67	104.1	19	2.49	8	79.83
April	5.67	48.95	38.13	180.0	2	1.44	16	71.00
May	6.26	56.80	44.64	144.9	6	3.51	13	84.26
June	5.93	61.93	49.26	201.8	3	1.51	8	75.23
July	5.25	70.93	53.67	212.8	1	1.89	9	74.03
August	5.92	68.81	52.48	185.8	2	4.24	19	78.77
September	5.36	65.35	51.66	128.4	2	1.05	13	85.86
October	4.61	56.73	42.52	136.9	4	1.44	7	90.25
November	6.00	52.30	41.83	66.1	5	3.18	16	92.73
December	4.61	47.00	35.03	66.9	9	2.00	16	91.12
Sums	65.57	659.16	514.92	1556.3	74	27.57	159	1002.26
Means	5.46	54.93	42.91	129.7	6.17	2.29	13.25	83.52

Greatest fall of rain in a day ... 1.83 ins. on 6th August, 1951.  
(Most ever recorded since 1910 ... 2.49 ins. on 24th June 1911).

Greatest amount of sunshine in a day ... 15.3 hours on 31st May, 1951.  
(Most ever recorded since 1910 ... 15.7 hours on 17th June, 1932,  
and 14th June, 1940)

Lowest shade temperature recorded ... 22° F. on 30th January, 1951.  
(Lowest ever recorded since 1910 ... 9° F. on 16th February, 1929)

Lowest ground temperature recorded ... 19° F. on 13th December, 1951.  
(Lowest ever recorded since 1932 ... 9° F. on 16th February, 1940)

Highest shade temperature recorded ... 80° F. on the 3rd August, 1951.  
(Most ever recorded since 1910 ... 90° F. on 28th August, 1933).

### Winds.

Direction.	No. of Days.	Direction.	No. of Days.
N.	43	S.	60
NE.	10	SW.	58
E.	31	W.	39
SE.	21	NW.	53

Prevailing Wind—S.W.

Calms. 50.





